

J13414 layout

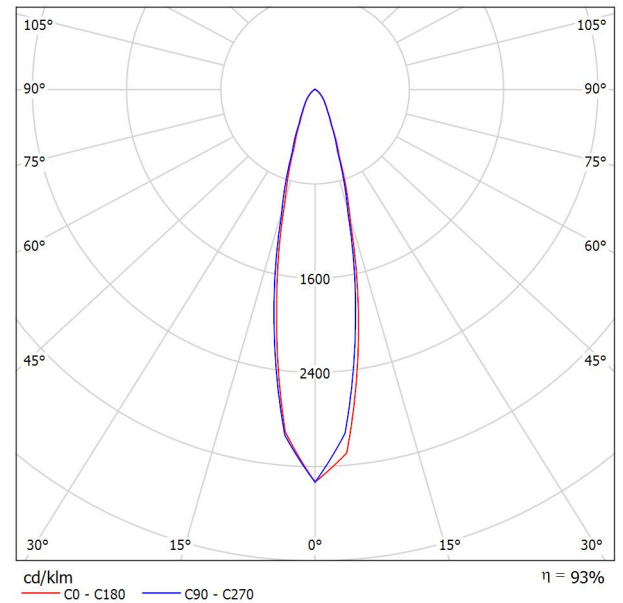
Date: 08 / 27 / 2018
Operator:

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LARSON ELECTRONICS GAU-LTL-500W-LED-24DB 500W LED FLOOD LIGHT - 24 DEGREE OPTICS / Luminaire Data Sheet

See our luminaire catalog for an image of the luminaire.

Luminous emittance 1:



Luminaire classification according to DIN: A42
CIE flux code: 88 97 99 99 94

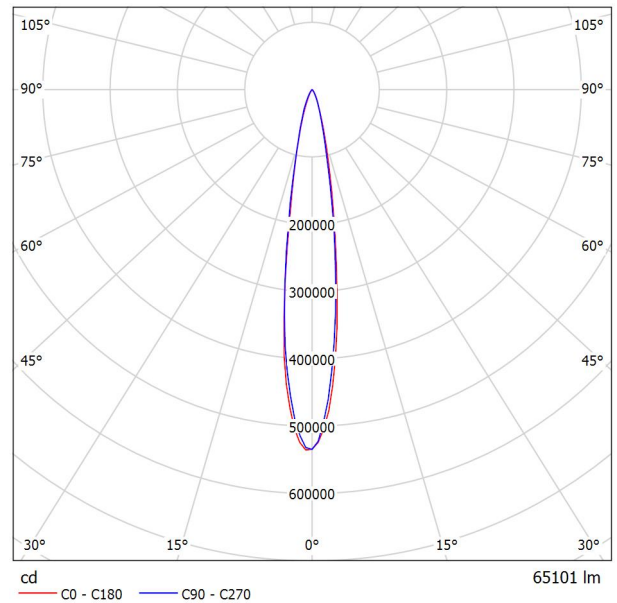
Due to missing symmetry properties, no UGR table can be displayed for this luminaire.

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LARSON ELECTRONICS GAU-LTL-500W-LED-10DB 500W LED FLOOD LIGHT - 10 DEGREE OPTICS / Luminaire Data Sheet

See our luminaire catalog for an image of the luminaire.

Luminous emittance 1:

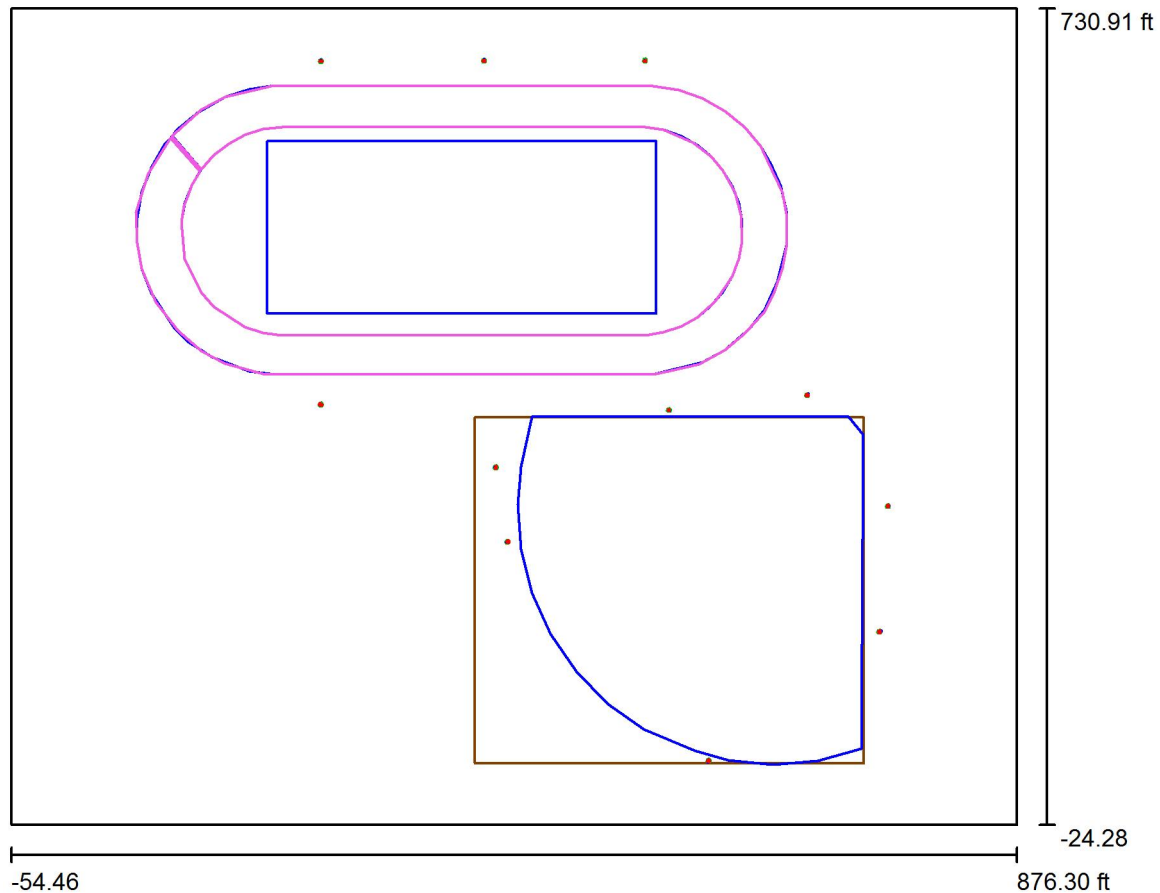


Luminaire classification according to DIN: A 0
CIE flux code: 99 100 100 100 100

Due to missing symmetry properties, no UGR table
can be displayed for this luminaire.

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Exterior Scene 1 / Planning data



Maintenance factor: 0.80, ULR (Upward Light Ratio): 22.0%

Scale 1:2134

Luminaire Parts List

No.	Pieces	Designation (Correction Factor)	Φ (Luminaire) [lm]	Φ (Lamps) [lm]	P [W]
1	33	LARSON ELECTRONICS GAU-LTL-500W-LED-10DB 500W LED FLOOD LIGHT - 10 DEGREE OPTICS (1.000)	65101	65101	502.3
2	86	LARSON ELECTRONICS GAU-LTL-500W-LED-24DB 500W LED FLOOD LIGHT - 24 DEGREE OPTICS (1.000)	60746	65000	500.0

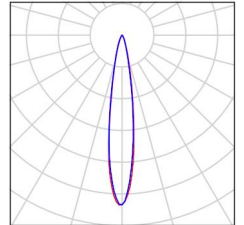
Total: 7372489 Total: 7738347 59575.9

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Exterior Scene 1 / Luminaire parts list

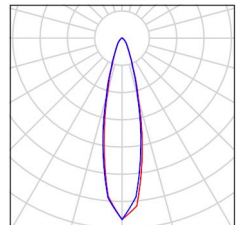
33 Pieces LARSON ELECTRONICS GAU-LTL-500W-LED-10DB 500W LED FLOOD LIGHT - 10 DEGREE OPTICS
Article No.: GAU-LTL-500W-LED-10DB
Luminous flux (Luminaire): 65101 lm
Luminous flux (Lamps): 65101 lm
Luminaire Wattage: 502.3 W
Luminaire classification according to DIN: A 0
CIE flux code: 99 100 100 100 100
Fitting: 1 x User defined (Correction Factor 1.000).

See our luminaire catalog for an image of the luminaire.



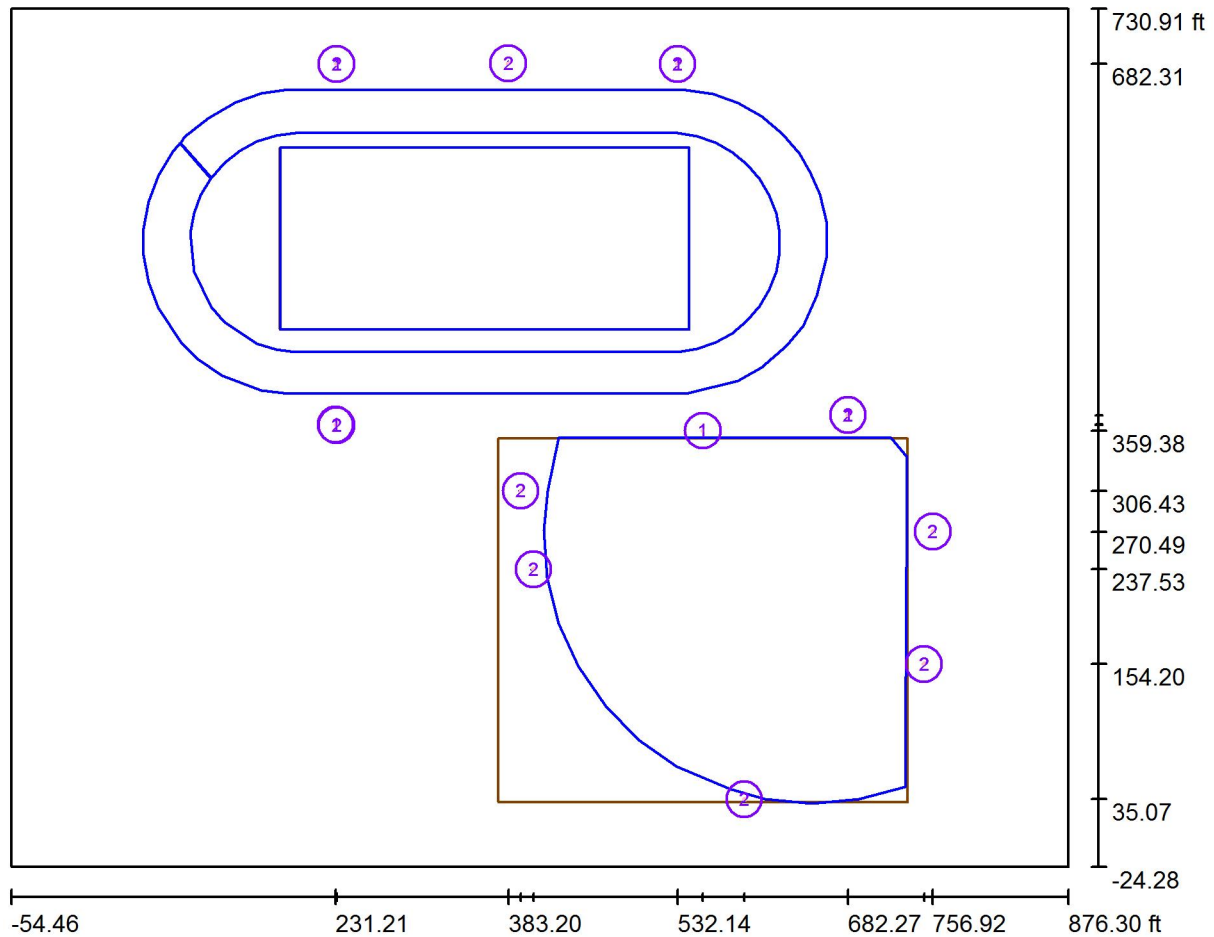
86 Pieces LARSON ELECTRONICS GAU-LTL-500W-LED-24DB 500W LED FLOOD LIGHT - 24 DEGREE OPTICS
Article No.: GAU-LTL-500W-LED-24DB
Luminous flux (Luminaire): 60746 lm
Luminous flux (Lamps): 65000 lm
Luminaire Wattage: 500.0 W
Luminaire classification according to DIN: A42
CIE flux code: 88 97 99 99 94
Fitting: 1 x User defined (Correction Factor 1.000).

See our luminaire catalog for an image of the luminaire.



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Exterior Scene 1 / Luminaires (layout plan)



Scale 1 : 2029

Luminaire Parts List

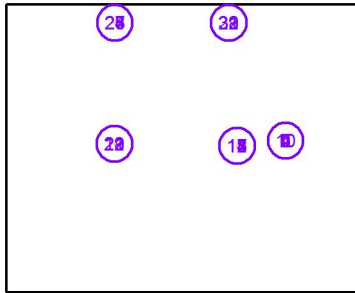
No.	Pieces	Designation
1	33	LARSON ELECTRONICS GAU-LTL-500W-LED-10DB 500W LED FLOOD LIGHT - 10 DEGREE OPTICS
2	86	LARSON ELECTRONICS GAU-LTL-500W-LED-24DB 500W LED FLOOD LIGHT - 24 DEGREE OPTICS

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Exterior Scene 1 / Luminaires (coordinates list)

LARSON ELECTRONICS GAU-LTL-500W-LED-10DB 500W LED FLOOD LIGHT - 10 DEGREE OPTICS

65101 lm, 502.3 W, 1 x 1 x User defined (Correction Factor 1.000).



No.	Position [ft]			Rotation [°]		
	X	Y	Z	X	Y	Z
1	682.265	373.216	30.000	81.4	0.0	14.1
2	682.265	373.216	30.000	82.7	0.0	59.2
3	682.265	373.216	30.000	83.1	0.0	66.8
4	682.265	373.216	30.000	80.3	0.0	9.0
5	682.265	373.216	30.000	82.5	0.0	71.9
6	682.265	373.216	30.000	78.1	0.0	22.8
7	682.265	373.216	30.000	81.3	0.0	20.5
8	682.265	373.216	30.000	81.4	0.0	38.7
9	682.265	373.216	30.000	82.4	0.0	27.4
10	682.265	373.216	30.000	82.5	0.0	45.2
11	554.321	359.381	30.000	81.1	0.0	78.2
12	554.321	359.381	30.000	80.1	0.0	35.9
13	554.321	359.381	30.000	80.1	0.0	-15.2
14	554.321	359.381	30.000	81.3	0.0	59.9
15	554.321	359.381	30.000	80.6	0.0	66.8
16	554.321	359.381	30.000	81.4	0.0	15.3
17	554.321	359.381	30.000	80.8	0.0	-1.1
18	554.321	359.381	30.000	81.1	0.0	50.9
19	231.207	364.852	30.000	78.1	0.0	60.7
20	231.207	364.852	30.000	81.1	0.0	49.4
21	231.207	364.852	30.000	81.3	0.0	43.5
22	231.207	364.852	30.000	82.3	0.0	35.3
23	231.207	364.852	30.000	79.3	0.0	55.0
24	232.151	682.324	30.000	80.9	0.0	130.1
25	232.151	682.324	30.000	79.4	0.0	122.4
26	232.151	682.324	30.000	80.4	0.0	162.9
27	232.151	682.324	30.000	81.9	0.0	134.8
28	232.151	682.324	30.000	81.3	0.0	145.5

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Exterior Scene 1 / Luminaires (coordinates list)

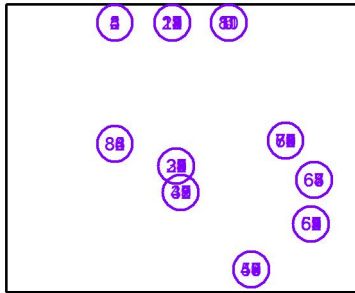
No.	Position [ft]			Rotation [°]		
	X	Y	Z	X	Y	Z
29	532.183	682.324	30.000	80.9	0.0	-130.1
30	532.183	682.324	30.000	79.4	0.0	-122.4
31	532.183	682.324	30.000	80.4	0.0	-162.9
32	532.183	682.324	30.000	81.9	0.0	-134.8
33	532.183	682.324	30.000	81.3	0.0	-145.5

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Exterior Scene 1 / Luminaires (coordinates list)

LARSON ELECTRONICS GAU-LTL-500W-LED-24DB 500W LED FLOOD LIGHT - 24 DEGREE OPTICS

60746 lm, 500.0 W, 1 x 1 x User defined (Correction Factor 1.000).



No.	Position [ft]			Rotation [°]		
	X	Y	Z	X	Y	Z
1	232.179	682.339	30.000	81.9	0.0	170.7
2	232.179	682.339	30.000	79.6	0.0	153.9
3	232.179	682.339	30.000	81.1	0.0	-166.3
4	232.179	682.339	30.000	81.0	0.0	-172.0
5	232.179	682.339	30.000	81.7	0.0	-176.8
6	532.155	682.339	30.000	81.9	0.0	-170.7
7	532.155	682.339	30.000	79.6	0.0	-153.9
8	532.155	682.339	30.000	81.1	0.0	166.3
9	532.155	682.339	30.000	81.0	0.0	172.0
10	532.155	682.339	30.000	81.7	0.0	176.8
11	383.197	682.734	30.000	81.3	0.0	-152.7
12	383.197	682.734	30.000	81.4	0.0	149.4
13	383.197	682.734	30.000	75.9	0.0	-112.6
14	383.197	682.734	30.000	79.0	0.0	-133.6
15	383.197	682.734	30.000	81.7	0.0	-169.0
16	383.197	682.734	30.000	76.8	0.0	112.0
17	383.197	682.734	30.000	82.2	0.0	155.0
18	383.197	682.734	30.000	78.9	0.0	138.3
19	383.197	682.734	30.000	82.5	0.0	174.0
20	383.197	682.734	30.000	82.6	0.0	161.7
21	383.197	682.734	30.000	82.4	0.0	179.6
22	383.197	682.734	30.000	82.3	0.0	168.2
23	394.024	306.427	30.000	71.3	0.0	-64.7
24	394.024	306.427	30.000	82.7	0.0	-129.5
25	394.024	306.427	30.000	81.6	0.0	-132.8
26	394.024	306.427	30.000	83.0	0.0	-90.1
27	394.024	306.427	30.000	81.6	0.0	-123.1
28	394.024	306.427	30.000	76.7	0.0	-70.3

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Exterior Scene 1 / Luminaires (coordinates list)

No.	Position [ft]			Rotation [°]		
	X	Y	Z	X	Y	Z
29	394.024	306.427	30.000	81.5	0.0	-84.5
30	394.024	306.427	30.000	82.8	0.0	-94.9
31	394.024	306.427	30.000	81.7	0.0	-140.5
32	394.024	306.427	30.000	80.5	0.0	-148.5
33	394.024	306.427	30.000	82.2	0.0	-127.4
34	394.024	306.427	30.000	82.9	0.0	-81.0
35	405.507	237.530	30.000	75.4	0.0	-22.3
36	405.507	237.530	30.000	75.1	0.0	-142.8
37	405.507	237.530	30.000	74.3	0.0	-151.4
38	405.507	237.530	30.000	82.4	0.0	-83.8
39	405.507	237.530	30.000	83.5	0.0	-97.5
40	405.507	237.530	30.000	76.0	0.0	-34.1
41	405.507	237.530	30.000	77.7	0.0	-51.5
42	405.507	237.530	30.000	80.6	0.0	-71.0
43	591.003	35.070	30.000	78.7	0.0	53.8
44	591.003	35.070	30.000	76.2	0.0	-71.3
45	591.003	35.070	30.000	76.4	0.0	-81.5
46	591.003	35.070	30.000	71.5	0.0	-10.5
47	591.003	35.070	30.000	74.1	0.0	-52.3
48	591.003	35.070	30.000	79.5	0.0	49.6
49	591.003	35.070	30.000	74.2	0.0	28.8
50	591.003	35.070	30.000	78.9	0.0	42.0
51	749.007	154.198	30.000	73.1	0.0	167.6
52	749.007	154.198	30.000	80.7	0.0	83.1
53	749.007	154.198	30.000	73.6	0.0	158.5
54	749.007	154.198	30.000	83.6	0.0	59.0
55	749.007	154.198	30.000	81.9	0.0	40.8
56	749.007	154.198	30.000	74.7	0.0	138.5
57	749.007	154.198	30.000	80.6	0.0	91.3
58	749.007	154.198	30.000	77.9	0.0	125.2
59	749.007	154.198	30.000	80.9	0.0	77.6
60	749.007	154.198	30.000	80.8	0.0	93.5
61	749.007	154.198	30.000	81.1	0.0	87.9
62	749.007	154.198	30.000	80.8	0.0	96.5
63	756.916	270.491	30.000	80.9	0.0	112.4
64	756.916	270.491	30.000	81.1	0.0	94.5
65	756.916	270.491	30.000	78.1	0.0	152.0
66	756.916	270.491	30.000	79.0	0.0	68.6

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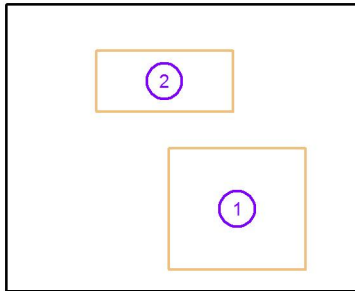
Exterior Scene 1 / Luminaires (coordinates list)

No.	Position [ft]			Rotation [°]		
	X	Y	Z	X	Y	Z
67	756.916	270.491	30.000	77.1	0.0	55.9
68	756.916	270.491	30.000	79.9	0.0	131.5
69	682.265	373.216	30.000	63.9	0.0	-131.6
70	682.265	373.216	30.000	82.1	0.0	103.6
71	682.265	373.216	30.000	79.3	0.0	131.3
72	682.265	373.216	30.000	80.6	0.0	140.8
73	682.265	373.216	30.000	80.6	0.0	145.9
74	682.265	373.216	30.000	81.9	0.0	152.7
75	682.265	373.216	30.000	74.6	0.0	-170.8
76	682.265	373.216	30.000	83.2	0.0	178.8
77	682.265	373.216	30.000	83.2	0.0	158.7
78	682.265	373.216	30.000	83.2	0.0	173.5
79	682.265	373.216	30.000	71.5	0.0	-148.5
80	682.265	373.216	30.000	83.3	0.0	167.1
81	532.139	682.310	30.000	78.6	0.0	147.4
82	232.133	364.317	30.000	81.3	0.0	24.0
83	232.133	364.317	30.000	78.4	0.0	-19.6
84	232.133	364.317	30.000	79.0	0.0	-41.0
85	232.133	364.317	30.000	76.7	0.0	-61.4
86	232.133	364.317	30.000	81.2	0.0	5.0

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Exterior Scene 1 / Sport Sites (Coordinates List)

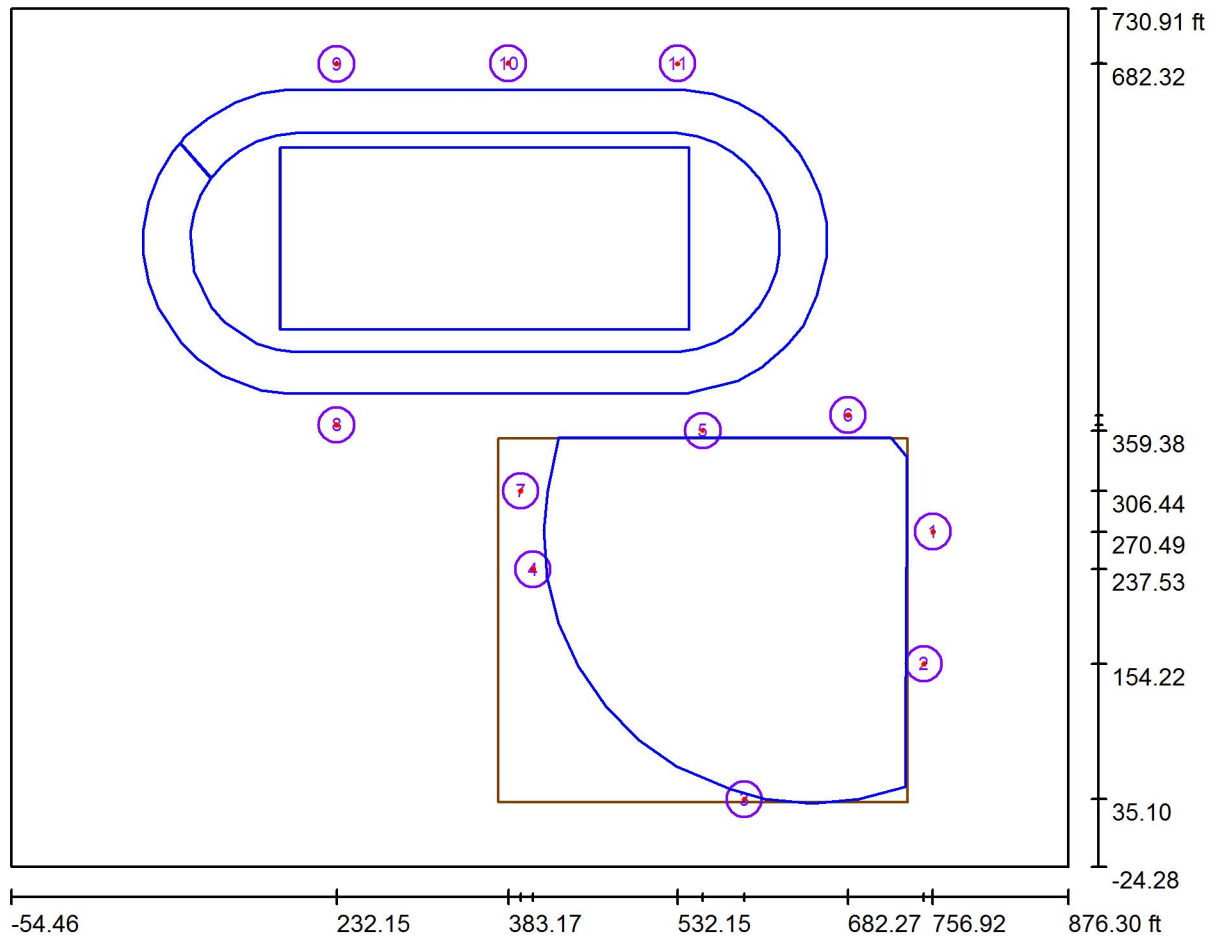
General Sport Area



No.	Position [ft]			Size Playing Area [ft]		Size Total Area [ft]		Rotation [°]		
	X	Y	Z	L	W	L	W	X	Y	Z
1	554.455	192.676	0.000	360.000	320.000	360.000	320.000	0.0	0.0	0.0
2	362.381	528.490	0.000	360.000	160.000	600.000	270.000	0.0	0.0	0.0

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Exterior Scene 1 / Pole Positions (Coordinates List)



Scale 1 : 2029

List of the Pole Positions

No.	Designation	Position [ft]		
		X	Y	Z
1	Pole Position 1	756.916	270.491	0.000
2	Pole Position 2	748.985	154.222	0.000
3	Pole Position 3	590.988	35.097	0.000
4	Pole Position 4	404.851	237.530	0.000

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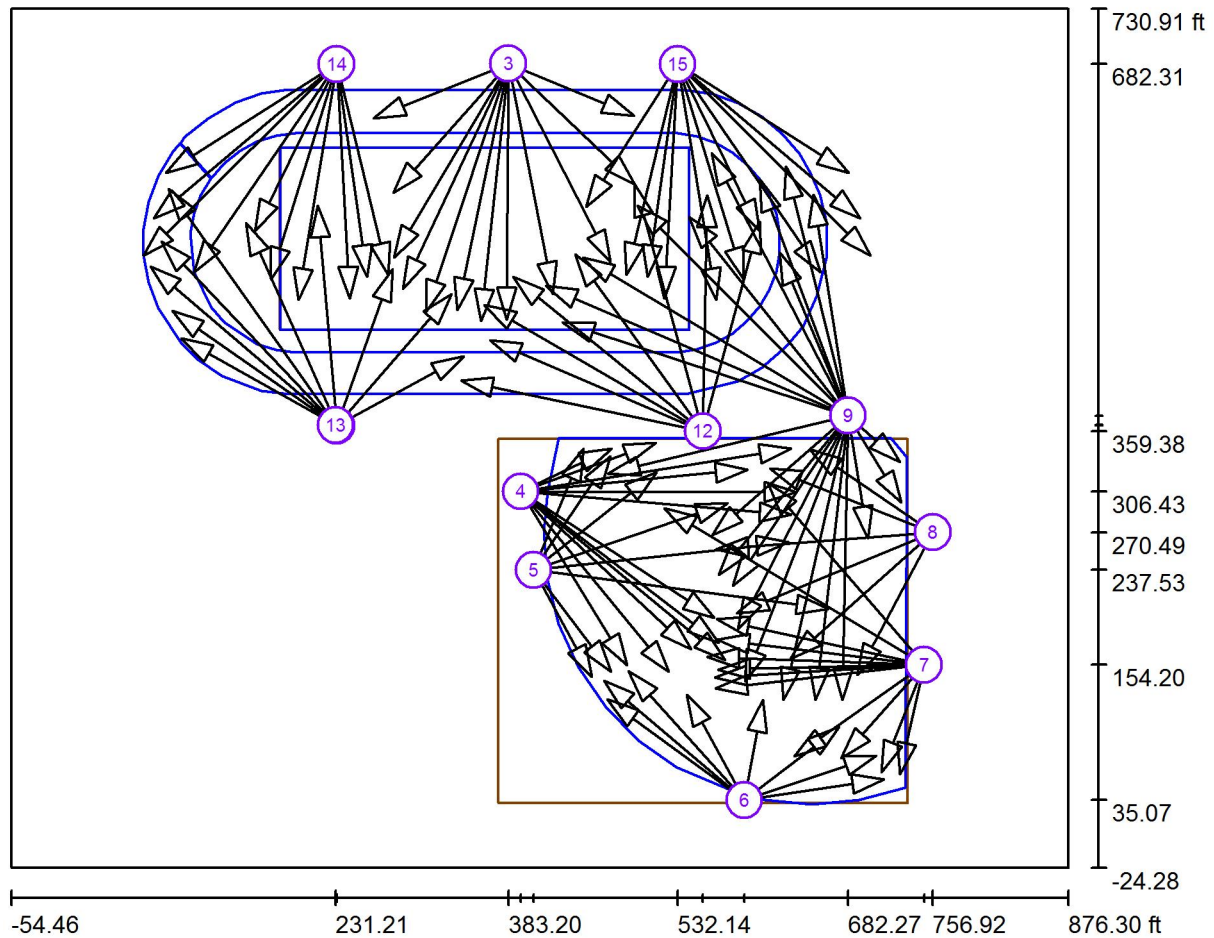
Exterior Scene 1 / Pole Positions (Coordinates List)

List of the Pole Positions

No.	Designation	Position [ft]		
		X	Y	Z
5	Pole Position 5	554.321	359.381	0.000
6	Pole Position 6	682.265	373.216	0.000
7	Pole Position 7	394.052	306.440	0.000
8	Pole Position 8	232.156	364.477	0.000
9	Pole Position 9	232.151	682.324	0.000
10	Pole Position 10	383.168	682.723	0.000
11	Pole Position 11	532.146	682.813	0.000

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Exterior Scene 1 / Sport Luminaires (Coordinates List)



Scale 1 : 2029

List of the Sport Luminaires

Luminaire	Index	Position [ft]			Aiming Point [ft]			Angle [°]	Alignment	Pole
		X	Y	Z	X	Y	Z			
LARSON ELECTRONICS GAU- LTL-500W-LED-24DB 500W LED FLOOD LIGHT - 24 DEGREE OPTICS	1	232.179	682.339	30.000	198.160	474.708	0.000	8.1	(C 90, G IMax)	Pole Position 9
LARSON ELECTRONICS GAU- LTL-500W-LED-24DB 500W LED FLOOD LIGHT - 24 DEGREE OPTICS	1	232.179	682.339	30.000	160.103	535.098	0.000	10.4	(C 90, G IMax)	Pole Position 9
LARSON ELECTRONICS GAU- LTL-500W-LED-24DB 500W LED FLOOD LIGHT - 24 DEGREE OPTICS	1	232.179	682.339	30.000	277.228	497.041	0.000	8.9	(C 90, G IMax)	Pole Position 9
LARSON ELECTRONICS GAU- LTL-500W-LED-24DB 500W LED FLOOD LIGHT - 24 DEGREE OPTICS	1	232.179	682.339	30.000	258.527	495.366	0.000	9.0	(C 90, G IMax)	Pole Position 9

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Exterior Scene 1 / Sport Luminares (Coordinates List)

List of the Sport Luminares

Luminaire	Index	Position [ft]			Aiming Point [ft]			Angle [°]	Alignment	Pole
		X	Y	Z	X	Y	Z			
LARSON ELECTRONICS GAU-LTL-500W- LED-24DB 500W LED FLOOD LIGHT - 24 DEGREE OPTICS	1	232.179	682.339	30.000	243.671	476.200	0.000	8.3	(C 90, G IMax)	Pole Position 9
LARSON ELECTRONICS GAU-LTL-500W- LED-24DB 500W LED FLOOD LIGHT - 24 DEGREE OPTICS	2	532.155	682.339	30.000	566.174	474.708	0.000	8.1	(C 90, G IMax)	Pole Position 11
LARSON ELECTRONICS GAU-LTL-500W- LED-24DB 500W LED FLOOD LIGHT - 24 DEGREE OPTICS	2	532.155	682.339	30.000	604.231	535.098	0.000	10.4	(C 90, G IMax)	Pole Position 11
LARSON ELECTRONICS GAU-LTL-500W- LED-24DB 500W LED FLOOD LIGHT - 24 DEGREE OPTICS	2	532.155	682.339	30.000	487.106	497.041	0.000	8.9	(C 90, G IMax)	Pole Position 11
LARSON ELECTRONICS GAU-LTL-500W- LED-24DB 500W LED FLOOD LIGHT - 24 DEGREE OPTICS	2	532.155	682.339	30.000	505.807	495.366	0.000	9.0	(C 90, G IMax)	Pole Position 11
LARSON ELECTRONICS GAU-LTL-500W- LED-24DB 500W LED FLOOD LIGHT - 24 DEGREE OPTICS	2	532.155	682.339	30.000	520.662	476.200	0.000	8.3	(C 90, G IMax)	Pole Position 11
LARSON ELECTRONICS GAU-LTL-500W- LED-24DB 500W LED FLOOD LIGHT - 24 DEGREE OPTICS	3	383.197	682.734	30.000	473.091	508.196	0.000	8.7	(C 90, G IMax)	Pole Position 10
LARSON ELECTRONICS GAU-LTL-500W- LED-24DB 500W LED FLOOD LIGHT - 24 DEGREE OPTICS	3	383.197	682.734	30.000	282.420	512.461	0.000	8.6	(C 90, G IMax)	Pole Position 10
LARSON ELECTRONICS GAU-LTL-500W- LED-24DB 500W LED FLOOD LIGHT - 24 DEGREE OPTICS	3	383.197	682.734	30.000	493.760	636.803	0.000	14.1	(C 90, G IMax)	Pole Position 10
LARSON ELECTRONICS GAU-LTL-500W- LED-24DB 500W LED FLOOD LIGHT - 24 DEGREE	3	383.197	682.734	30.000	494.745	576.437	0.000	11.0	(C 90, G IMax)	Pole Position 10

[illegible]

GAU-LTL-500W-LED-24DB 500W LED FLOOD LIGHT - 24 DEGREE OPTICS LARSON ELECTRONICS	4	394.024	306.427	30.000	564.626	195.208	0.000	8.4	(C 90, G IMax)	Pole Position 7
GAU-LTL-500W-LED-24DB 500W LED FLOOD LIGHT - 24 DEGREE OPTICS LARSON ELECTRONICS	4	394.024	306.427	30.000	513.117	349.077	0.000	13.3	(C 90, G IMax)	Pole Position 7
GAU-LTL-500W-LED-24DB 500W LED FLOOD LIGHT - 24 DEGREE OPTICS LARSON ELECTRONICS	4	394.024	306.427	30.000	593.497	325.783	0.000	8.5	(C 90, G IMax)	Pole Position 7
GAU-LTL-500W-LED-24DB 500W LED FLOOD LIGHT - 24 DEGREE OPTICS LARSON ELECTRONICS	4	394.024	306.427	30.000	632.210	286.073	0.000	7.2	(C 90, G IMax)	Pole Position 7
GAU-LTL-500W-LED-24DB 500W LED FLOOD LIGHT - 24 DEGREE OPTICS LARSON ELECTRONICS	4	394.024	306.427	30.000	524.469	148.099	0.000	8.3	(C 90, G IMax)	Pole Position 7
GAU-LTL-500W-LED-24DB 500W LED FLOOD LIGHT - 24 DEGREE OPTICS LARSON ELECTRONICS	4	394.024	306.427	30.000	487.855	153.541	0.000	9.5	(C 90, G IMax)	Pole Position 7
GAU-LTL-500W-LED-24DB 500W LED FLOOD LIGHT - 24 DEGREE OPTICS LARSON ELECTRONICS	4	394.024	306.427	30.000	568.235	173.226	0.000	7.8	(C 90, G IMax)	Pole Position 7
GAU-LTL-500W-LED-24DB 500W LED FLOOD LIGHT - 24 DEGREE OPTICS LARSON ELECTRONICS	4	394.024	306.427	30.000	632.210	344.156	0.000	7.1	(C 90, G IMax)	Pole Position 7
GAU-LTL-500W-LED-24DB 500W LED FLOOD LIGHT - 24 DEGREE OPTICS LARSON ELECTRONICS	5	405.507	237.530	30.000	449.142	344.015	0.000	14.6	(C 90, G IMax)	Pole Position 4
GAU-LTL-500W-LED-24DB 500W LED FLOOD LIGHT - 24 DEGREE OPTICS LARSON ELECTRONICS	5	405.507	237.530	30.000	473.419	147.964	0.000	14.9	(C 90, G IMax)	Pole Position 4
GAU-LTL-500W-LED-24DB 500W LED FLOOD LIGHT - 24 DEGREE OPTICS LARSON ELECTRONICS	5	405.507	237.530	30.000	456.687	143.804	0.000	15.7	(C 90, G IMax)	Pole Position 4
GAU-LTL-500W-LED-24DB 500W LED FLOOD LIGHT - 24 DEGREE OPTICS LARSON ELECTRONICS	5	405.507	237.530	30.000	629.586	261.808	0.000	7.6	(C 90, G IMax)	Pole Position 4
GAU-LTL-500W-LED-24DB 500W LED FLOOD LIGHT	5	405.507	237.530	30.000	665.018	203.410	0.000	6.5	(C 90, G IMax)	Pole Position 4

- 24 DEGREE OPTICS LARSON ELECTRONICS GAU-LTL-500W- LED-24DB 500W LED FLOOD LIGHT - 24 DEGREE OPTICS	5	405.507	237.530	30.000	473.091	337.266	0.000	14.0	(C 90, G IMax)	Pole Position 4
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Operator
Telephone
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Exterior Scene 1 / Sport Luminares (Coordinates List)

List of the Sport Luminares

Luminaire	Index	Position [ft]			Aiming Point [ft]			Angle [°]	Alignment	Pole
		X	Y	Z	X	Y	Z			
LARSON ELECTRONICS GAU- LTL-500W-LED-24DB 500W LED FLOOD LIGHT - 24 DEGREE OPTICS	5	405.507	237.530	30.000	513.445	323.487	0.000	12.3	(C 90, G IMax)	Pole Position 4
LARSON ELECTRONICS GAU- LTL-500W-LED-24DB 500W LED FLOOD LIGHT - 24 DEGREE OPTICS	5	405.507	237.530	30.000	575.994	296.256	0.000	9.4	(C 90, G IMax)	Pole Position 4
LARSON ELECTRONICS GAU- LTL-500W-LED-24DB 500W LED FLOOD LIGHT - 24 DEGREE OPTICS	6	591.003	35.070	30.000	470.139	123.686	0.000	11.3	(C 90, G IMax)	Pole Position 3
LARSON ELECTRONICS GAU- LTL-500W-LED-24DB 500W LED FLOOD LIGHT - 24 DEGREE OPTICS	6	591.003	35.070	30.000	707.012	74.392	0.000	13.8	(C 90, G IMax)	Pole Position 3
LARSON ELECTRONICS GAU- LTL-500W-LED-24DB 500W LED FLOOD LIGHT - 24 DEGREE OPTICS	6	591.003	35.070	30.000	713.902	53.477	0.000	13.6	(C 90, G IMax)	Pole Position 3
LARSON ELECTRONICS GAU- LTL-500W-LED-24DB 500W LED FLOOD LIGHT - 24 DEGREE OPTICS	6	591.003	35.070	30.000	607.276	123.030	0.000	18.5	(C 90, G IMax)	Pole Position 3
LARSON ELECTRONICS GAU- LTL-500W-LED-24DB 500W LED FLOOD LIGHT - 24 DEGREE OPTICS	6	591.003	35.070	30.000	674.204	99.408	0.000	15.9	(C 90, G IMax)	Pole Position 3
LARSON ELECTRONICS GAU- LTL-500W-LED-24DB 500W LED FLOOD LIGHT - 24 DEGREE OPTICS	6	591.003	35.070	30.000	467.186	140.418	0.000	10.5	(C 90, G IMax)	Pole Position 3
LARSON ELECTRONICS GAU- LTL-500W-LED-24DB 500W LED FLOOD LIGHT - 24 DEGREE OPTICS	6	591.003	35.070	30.000	540.020	127.951	0.000	15.8	(C 90, G IMax)	Pole Position 3
LARSON ELECTRONICS GAU- LTL-500W-LED-24DB 500W LED FLOOD LIGHT - 24 DEGREE OPTICS	6	591.003	35.070	30.000	488.839	148.620	0.000	11.1	(C 90, G IMax)	Pole Position 3
LARSON ELECTRONICS GAU- LTL-500W-LED-24DB 500W LED FLOOD LIGHT - 24 DEGREE OPTICS	7	749.007	154.198	30.000	727.852	57.742	0.000	16.9	(C 90, G IMax)	Pole Position 2
LARSON ELECTRONICS GAU- LTL-500W-LED-24DB	7	749.007	154.198	30.000	567.105	176.179	0.000	9.3	(C 90, G IMax)	Pole Position 2

LARSON ELECTRONICS GAU- LTL-500W-LED-24DB 500W LED FLOOD LIGHT - 24 DEGREE OPTICS										
LARSON ELECTRONICS GAU- LTL-500W-LED-24DB 500W LED FLOOD LIGHT - 24 DEGREE OPTICS	7	749.007	154.198	30.000	711.606	59.382	0.000	16.4	(C 90, G IMax)	Pole Position 2
LARSON ELECTRONICS GAU- LTL-500W-LED-24DB 500W LED FLOOD LIGHT - 24 DEGREE OPTICS	7	749.007	154.198	30.000	520.663	291.663	0.000	6.4	(C 90, G IMax)	Pole Position 2
LARSON ELECTRONICS GAU- LTL-500W-LED-24DB 500W LED FLOOD LIGHT - 24 DEGREE OPTICS	7	749.007	154.198	30.000	611.541	313.644	0.000	8.1	(C 90, G IMax)	Pole Position 2
LARSON ELECTRONICS GAU- LTL-500W-LED-24DB 500W LED FLOOD LIGHT - 24 DEGREE OPTICS	7	749.007	154.198	30.000	676.173	71.850	0.000	15.3	(C 90, G IMax)	Pole Position 2
LARSON ELECTRONICS GAU- LTL-500W-LED-24DB 500W LED FLOOD LIGHT - 24 DEGREE OPTICS	7	749.007	154.198	30.000	567.906	149.933	0.000	9.4	(C 90, G IMax)	Pole Position 2
LARSON ELECTRONICS GAU- LTL-500W-LED-24DB 500W LED FLOOD LIGHT - 24 DEGREE OPTICS	7	749.007	154.198	30.000	635.163	73.818	0.000	12.1	(C 90, G IMax)	Pole Position 2
LARSON ELECTRONICS GAU- LTL-500W-LED-24DB 500W LED FLOOD LIGHT - 24 DEGREE OPTICS	7	749.007	154.198	30.000	566.922	194.223	0.000	9.1	(C 90, G IMax)	Pole Position 2
LARSON ELECTRONICS GAU- LTL-500W-LED-24DB 500W LED FLOOD LIGHT - 24 DEGREE OPTICS	7	749.007	154.198	30.000	564.954	143.043	0.000	9.2	(C 90, G IMax)	Pole Position 2
LARSON ELECTRONICS GAU- LTL-500W-LED-24DB 500W LED FLOOD LIGHT - 24 DEGREE OPTICS	7	749.007	154.198	30.000	558.110	161.087	0.000	8.9	(C 90, G IMax)	Pole Position 2
LARSON ELECTRONICS GAU- LTL-500W-LED-24DB 500W LED FLOOD LIGHT - 24 DEGREE OPTICS	7	749.007	154.198	30.000	565.282	133.200	0.000	9.2	(C 90, G IMax)	Pole Position 2
LARSON ELECTRONICS GAU- LTL-500W-LED-24DB 500W LED FLOOD LIGHT - 24 DEGREE OPTICS	8	756.916	270.491	30.000	584.310	199.473	0.000	9.1	(C 90, G IMax)	Pole Position 1
LARSON ELECTRONICS GAU- LTL-500W-LED-24DB 500W LED FLOOD LIGHT - 24 DEGREE OPTICS	8	756.916	270.491	30.000	566.266	255.574	0.000	8.9	(C 90, G IMax)	Pole Position 1
LARSON ELECTRONICS GAU- LTL-500W-LED-24DB 500W LED FLOOD LIGHT - 24 DEGREE OPTICS	8	756.916	270.491	30.000	690.280	145.011	0.000	11.9	(C 90, G IMax)	Pole Position 1
LARSON ELECTRONICS GAU- LTL-500W-LED-24DB 500W LED FLOOD LIGHT - 24 DEGREE OPTICS	8	756.916	270.491	30.000	613.182	326.768	0.000	11.0	(C 90, G IMax)	Pole Position 1

LARSON ELECTRONICS GAU- LTL-500W-LED-24DB 500W LED FLOOD LIGHT - 24 DEGREE OPTICS	8	756.916	270.491	30.000	648.614	343.828	0.000	12.9	(C 90, G IMax)	Pole Position 1
LARSON ELECTRONICS GAU- LTL-500W-LED-24DB 500W LED FLOOD LIGHT - 24 DEGREE OPTICS	8	756.916	270.491	30.000	631.226	159.119	0.000	10.1	(C 90, G IMax)	Pole Position 1
LARSON ELECTRONICS GAU- LTL-500W-LED-24DB 500W LED FLOOD LIGHT - 24 DEGREE OPTICS	9	682.265	373.216	30.000	728.010	332.574	0.000	26.1	(C 90, G IMax)	Pole Position 6
LARSON ELECTRONICS GAU- LTL-500W-LED-24DB 500W LED FLOOD LIGHT - 24 DEGREE OPTICS	9	682.265	373.216	30.000	470.795	322.175	0.000	7.9	(C 90, G IMax)	Pole Position 6
LARSON ELECTRONICS GAU- LTL-500W-LED-24DB 500W LED FLOOD LIGHT - 24 DEGREE OPTICS	9	682.265	373.216	30.000	562.657	268.217	0.000	10.7	(C 90, G IMax)	Pole Position 6
LARSON ELECTRONICS GAU- LTL-500W-LED-24DB 500W LED FLOOD LIGHT - 24 DEGREE OPTICS	9	682.265	373.216	30.000	568.235	233.265	0.000	9.4	(C 90, G IMax)	Pole Position 6
LARSON ELECTRONICS GAU- LTL-500W-LED-24DB 500W LED FLOOD LIGHT - 24 DEGREE OPTICS	9	682.265	373.216	30.000	580.702	223.419	0.000	9.4	(C 90, G IMax)	Pole Position 6
LARSON ELECTRONICS GAU- LTL-500W-LED-24DB 500W LED FLOOD LIGHT - 24 DEGREE OPTICS	9	682.265	373.216	30.000	585.295	185.037	0.000	8.1	(C 90, G IMax)	Pole Position 6
LARSON ELECTRONICS GAU- LTL-500W-LED-24DB 500W LED FLOOD LIGHT - 24 DEGREE OPTICS	9	682.265	373.216	30.000	699.795	265.417	0.000	15.4	(C 90, G IMax)	Pole Position 6
LARSON ELECTRONICS GAU- LTL-500W-LED-24DB 500W LED FLOOD LIGHT - 24 DEGREE OPTICS	9	682.265	373.216	30.000	677.248	123.358	0.000	6.8	(C 90, G IMax)	Pole Position 6

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Exterior Scene 1 / Sport Luminares (Coordinates List)

List of the Sport Luminares

Luminaire	Index	Position [ft]			Aiming Point [ft]			Angle [°]	Alignment	Pole
		X	Y	Z	X	Y	Z			
LARSON ELECTRONICS GAU-LTL-500W- LED-24DB 500W LED FLOOD LIGHT - 24 DEGREE OPTICS	9	682.265	373.216	30.000	591.200	139.434	0.000	6.8	(C 90, G IMax)	Pole Position 6
LARSON ELECTRONICS GAU-LTL-500W- LED-24DB 500W LED FLOOD LIGHT - 24 DEGREE OPTICS	9	682.265	373.216	30.000	653.597	123.358	0.000	6.8	(C 90, G IMax)	Pole Position 6
LARSON ELECTRONICS GAU-LTL-500W- LED-24DB 500W LED FLOOD LIGHT - 24 DEGREE OPTICS	9	682.265	373.216	30.000	728.994	296.912	0.000	18.5	(C 90, G IMax)	Pole Position 6
LARSON ELECTRONICS GAU-LTL-500W- LED-24DB 500W LED FLOOD LIGHT - 24 DEGREE OPTICS	9	682.265	373.216	30.000	624.992	123.358	0.000	6.7	(C 90, G IMax)	Pole Position 6
LARSON ELECTRONICS GAU-LTL-500W- LED-10DB 500W LED FLOOD LIGHT - 10 DEGREE OPTICS	9	682.265	373.216	30.000	627.289	592.184	0.000	7.6	(C 90, G IMax)	Pole Position 6
LARSON ELECTRONICS GAU-LTL-500W- LED-10DB 500W LED FLOOD LIGHT - 10 DEGREE OPTICS	9	682.265	373.216	30.000	448.813	512.461	0.000	6.3	(C 90, G IMax)	Pole Position 6
LARSON ELECTRONICS GAU-LTL-500W- LED-10DB 500W LED FLOOD LIGHT - 10 DEGREE OPTICS	9	682.265	373.216	30.000	416.005	487.199	0.000	5.9	(C 90, G IMax)	Pole Position 6
LARSON ELECTRONICS GAU-LTL-500W- LED-10DB 500W LED FLOOD LIGHT - 10 DEGREE OPTICS	9	682.265	373.216	30.000	651.567	567.578	0.000	8.7	(C 90, G IMax)	Pole Position 6
LARSON ELECTRONICS GAU-LTL-500W- LED-10DB 500W LED FLOOD LIGHT - 10 DEGREE OPTICS	9	682.265	373.216	30.000	430.769	455.375	0.000	6.5	(C 90, G IMax)	Pole Position 6
LARSON ELECTRONICS GAU-LTL-500W- LED-10DB 500W LED FLOOD LIGHT - 10 DEGREE OPTICS	9	682.265	373.216	30.000	621.912	516.575	0.000	10.9	(C 90, G IMax)	Pole Position 6

[illegible]

GAU-LTL-500W-LED-10DB 500W LED FLOOD LIGHT - 10 DEGREE OPTICS LARSON ELECTRONICS	12	554.321	359.381	30.000	604.628	543.957	0.000	8.9	(C 90, G IMax)	Pole Position 5
GAU-LTL-500W-LED-10DB 500W LED FLOOD LIGHT - 10 DEGREE OPTICS LARSON ELECTRONICS	12	554.321	359.381	30.000	362.177	470.795	0.000	7.7	(C 90, G IMax)	Pole Position 5
GAU-LTL-500W-LED-10DB 500W LED FLOOD LIGHT - 10 DEGREE OPTICS LARSON ELECTRONICS	12	554.321	359.381	30.000	366.793	439.627	0.000	8.4	(C 90, G IMax)	Pole Position 5
GAU-LTL-500W-LED-10DB 500W LED FLOOD LIGHT - 10 DEGREE OPTICS LARSON ELECTRONICS	12	554.321	359.381	30.000	494.745	576.437	0.000	7.6	(C 90, G IMax)	Pole Position 5
GAU-LTL-500W-LED-10DB 500W LED FLOOD LIGHT - 10 DEGREE OPTICS LARSON ELECTRONICS	12	554.321	359.381	30.000	558.360	566.922	0.000	8.2	(C 90, G IMax)	Pole Position 5
GAU-LTL-500W-LED-10DB 500W LED FLOOD LIGHT - 10 DEGREE OPTICS LARSON ELECTRONICS	12	554.321	359.381	30.000	387.462	495.073	0.000	7.9	(C 90, G IMax)	Pole Position 5
GAU-LTL-500W-LED-10DB 500W LED FLOOD LIGHT - 10 DEGREE OPTICS LARSON ELECTRONICS	13	231.207	364.852	30.000	95.143	441.268	0.000	10.9	(C 90, G IMax)	Pole Position 8
GAU-LTL-500W-LED-10DB 500W LED FLOOD LIGHT - 10 DEGREE OPTICS LARSON ELECTRONICS	13	231.207	364.852	30.000	67.913	504.587	0.000	7.9	(C 90, G IMax)	Pole Position 8
GAU-LTL-500W-LED-10DB 500W LED FLOOD LIGHT - 10 DEGREE OPTICS LARSON ELECTRONICS	13	231.207	364.852	30.000	77.755	526.568	0.000	7.7	(C 90, G IMax)	Pole Position 8
GAU-LTL-500W-LED-10DB 500W LED FLOOD LIGHT - 10 DEGREE OPTICS LARSON ELECTRONICS	13	231.207	364.852	30.000	84.317	572.500	0.000	6.7	(C 90, G IMax)	Pole Position 8
GAU-LTL-500W-LED-10DB 500W LED FLOOD LIGHT - 10 DEGREE OPTICS LARSON ELECTRONICS	13	231.207	364.852	30.000	87.269	465.546	0.000	9.7	(C 90, G IMax)	Pole Position 8
GAU-LTL-500W-LED-10DB 500W LED FLOOD LIGHT - 10 DEGREE OPTICS LARSON ELECTRONICS	14	232.151	682.324	30.000	71.193	546.581	0.000	8.1	(C 90, G IMax)	Pole Position 9
GAU-LTL-500W-LED-10DB 500W LED FLOOD LIGHT - 10 DEGREE OPTICS LARSON ELECTRONICS	14	232.151	682.324	30.000	81.692	586.935	0.000	9.6	(C 90, G IMax)	Pole Position 9

- 10 DEGREE OPTICS LARSON ELECTRONICS GAU-LTL-500W- LED-10DB 500W LED FLOOD LIGHT - 10 DEGREE OPTICS	14	232.151	682.324	30.000	174.103	493.104	0.000	8.6	(C 90, G IMax)	Pole Position 9
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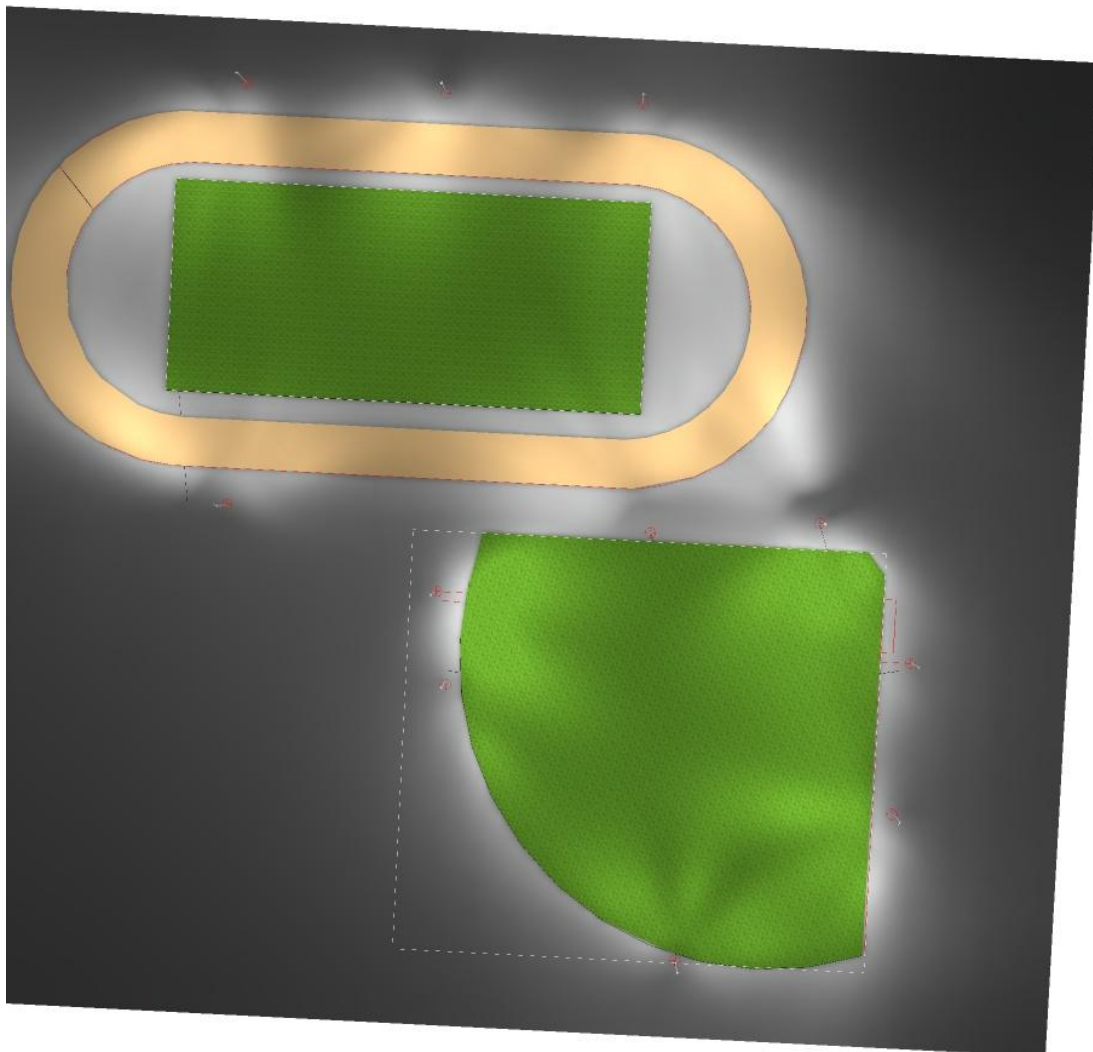
Exterior Scene 1 / Sport Luminares (Coordinates List)

List of the Sport Luminares

Luminaire	Index	Position [ft]			Aiming Point [ft]			Angle [°]	Alignment	Pole
		X	Y	Z	X	Y	Z			
LARSON ELECTRONICS GAU-LTL-500W- LED-10DB 500W LED FLOOD LIGHT - 10 DEGREE OPTICS	14	232.151	682.324	30.000	62.159	513.730	0.000	7.1	(C 90, G IMax)	Pole Position 9
LARSON ELECTRONICS GAU-LTL-500W- LED-10DB 500W LED FLOOD LIGHT - 10 DEGREE OPTICS	14	232.151	682.324	30.000	106.329	499.285	0.000	7.7	(C 90, G IMax)	Pole Position 9
LARSON ELECTRONICS GAU-LTL-500W- LED-10DB 500W LED FLOOD LIGHT - 10 DEGREE OPTICS	15	532.183	682.324	30.000	693.141	546.581	0.000	8.1	(C 90, G IMax)	Pole Position 11
LARSON ELECTRONICS GAU-LTL-500W- LED-10DB 500W LED FLOOD LIGHT - 10 DEGREE OPTICS	15	532.183	682.324	30.000	682.642	586.935	0.000	9.6	(C 90, G IMax)	Pole Position 11
LARSON ELECTRONICS GAU-LTL-500W- LED-10DB 500W LED FLOOD LIGHT - 10 DEGREE OPTICS	15	532.183	682.324	30.000	590.230	493.104	0.000	8.6	(C 90, G IMax)	Pole Position 11
LARSON ELECTRONICS GAU-LTL-500W- LED-10DB 500W LED FLOOD LIGHT - 10 DEGREE OPTICS	15	532.183	682.324	30.000	702.175	513.730	0.000	7.1	(C 90, G IMax)	Pole Position 11
LARSON ELECTRONICS GAU-LTL-500W- LED-10DB 500W LED FLOOD LIGHT - 10 DEGREE OPTICS	15	532.183	682.324	30.000	658.005	499.285	0.000	7.7	(C 90, G IMax)	Pole Position 11

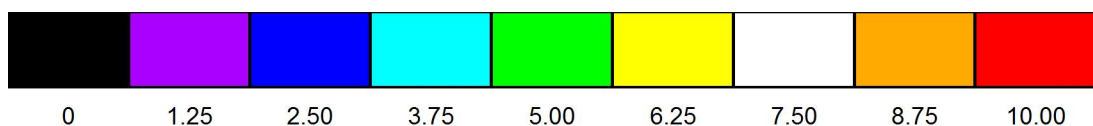
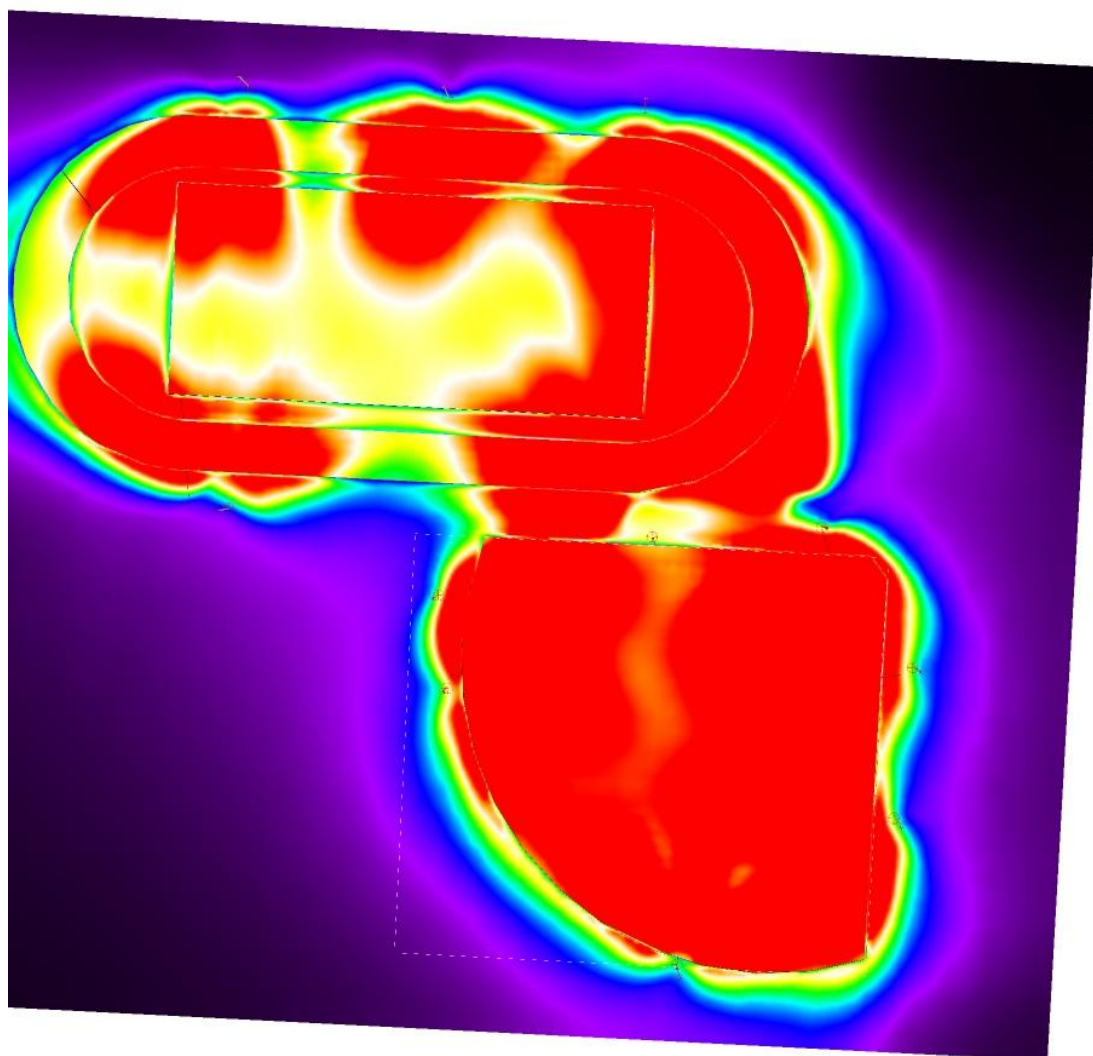
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Exterior Scene 1 / 3D Rendering



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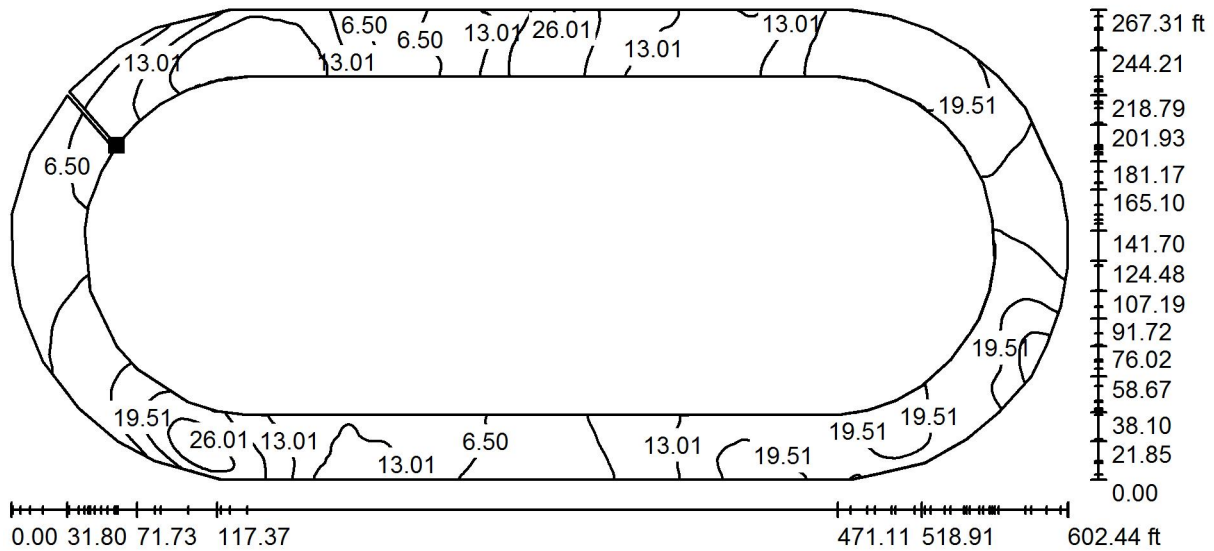
Exterior Scene 1 / False Colour Rendering



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Exterior Scene 1 / Running Track / Isolines (E, Perpendicular)

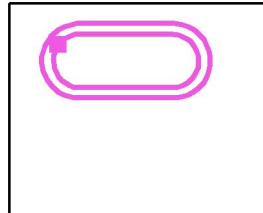


Values in Footcandles, Scale 1 : 1313

Position of surface in external scene:

Marked point:

(121.462 ft, 582.072 ft, 3.000 ft)



Grid: 512 x 256 Points

E_{av} [fc]
14

E_{min} [fc]
3.94

E_{max} [fc]
32

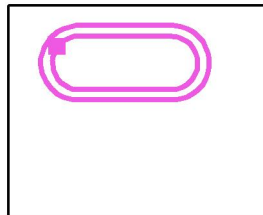
u_0
0.276

E_{min} / E_{max}
0.122

The diagram shows a standard 400m oval track with 10 lanes. The track is labeled with lane numbers 1 through 10 on both the top and bottom curves. The distance markers on the right side of the track are in feet, ranging from 0.00 to 267.31 ft. The distance markers on the bottom side of the track are in feet, ranging from 0.00 to 602.44 ft. The track is divided into two halves by a vertical line, with the left half being 471.11 ft long and the right half being 518.91 ft long.

Not all calculated values could be displayed.

(121.462 ft, 582.072 ft, 3.000 ft)



E_{av} [fc]
14

$$E_{\min} [\text{fc}]$$

$$3.94$$
$$E_{\max} [\text{fc}]$$

32

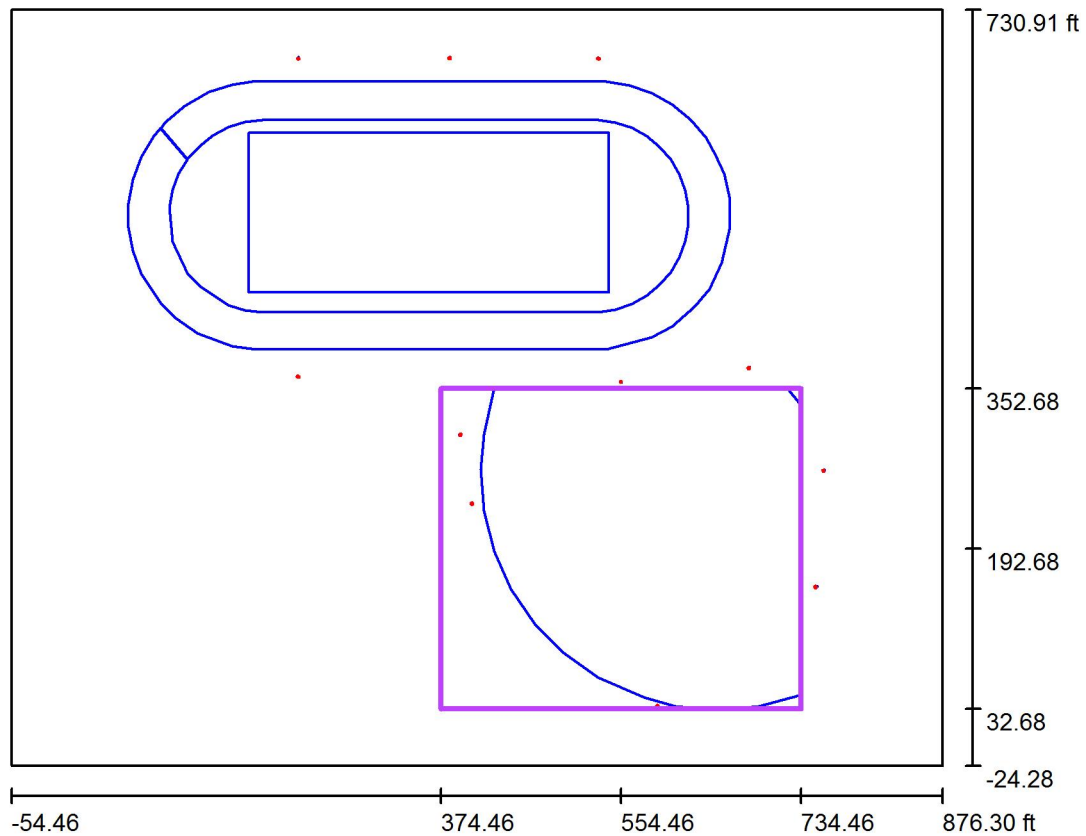
u0
0.276

$$E_{\min} / E_{\max}$$

0.122

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Exterior Scene 1 / General Sport Area Baseball / Summary



Scale 1 : 2305

Position: (554.455 ft, 192.676 ft, 0.000 ft)

Size: (360.000 ft, 320.000 ft)

Rotation: (0.0°, 0.0°, 0.0°)

Type: User defined, Quantity Points: 576

Belongs to the following sport arena: General Sport Area Baseball

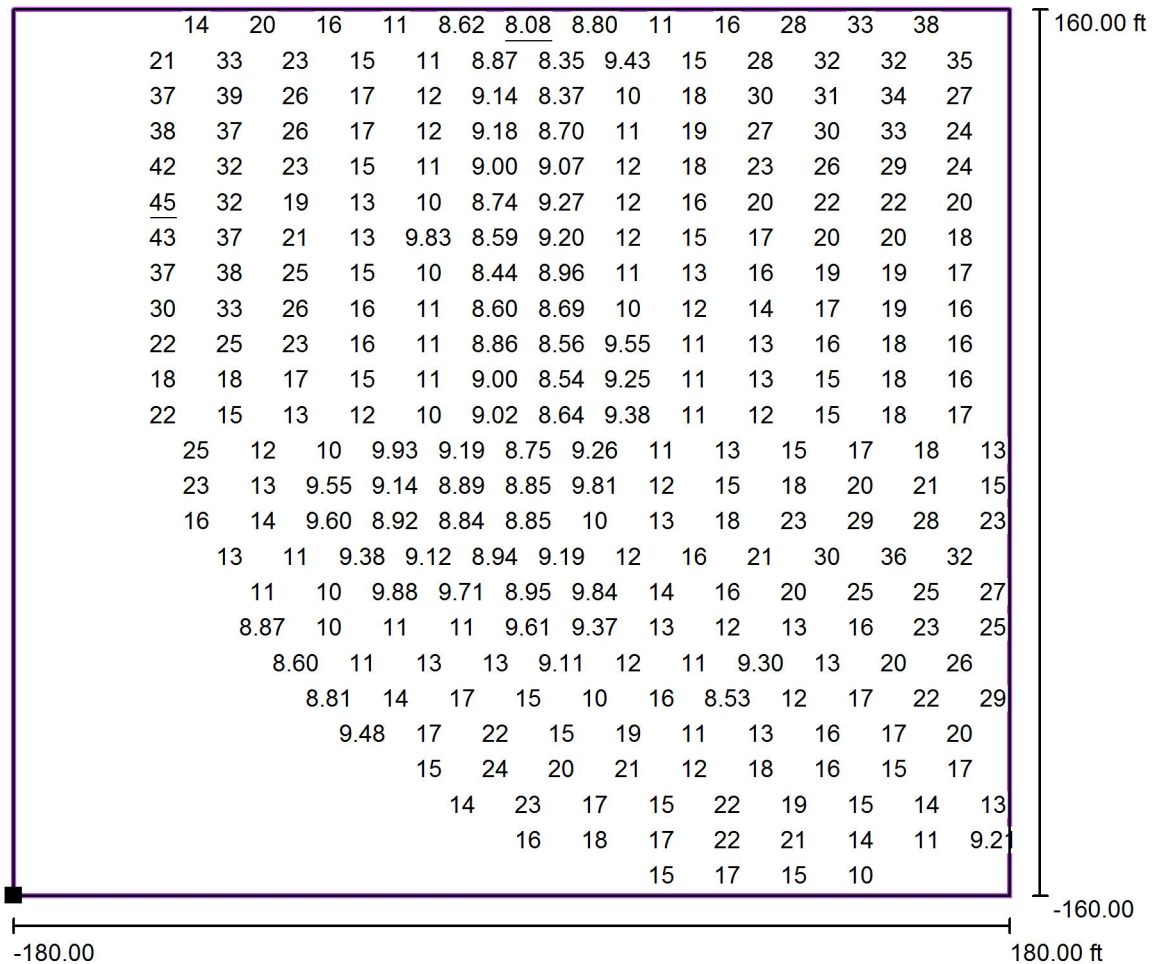
Results overview

No.	Type	E_{av} [fc]	E_{min} [fc]	E_{max} [fc]	$u0$	E_{min} / E_{max}	$E_{h\ m} / E_m$	H [ft]	Camera
1	horizontal	17	8.08	45	0.48	0.18	/	3.000	/

 $E_{h\ m} / E_m$ = Relationship between middle horizontal and vertical illuminance, H = Measuring Height

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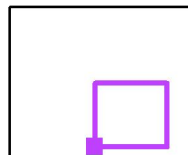
Exterior Scene 1 / General Sport Area Baseball / Value Chart (E, Horizontal)



Values in Footcandles, Scale 1 : 833

Not all calculated values could be displayed.

Position of surface in external scene:
Marked point: (374.455 ft, 32.676 ft,
0.000 ft)



Grid: 576 Points

E_{av} [fc]
17

E_{min} [fc]
8.08

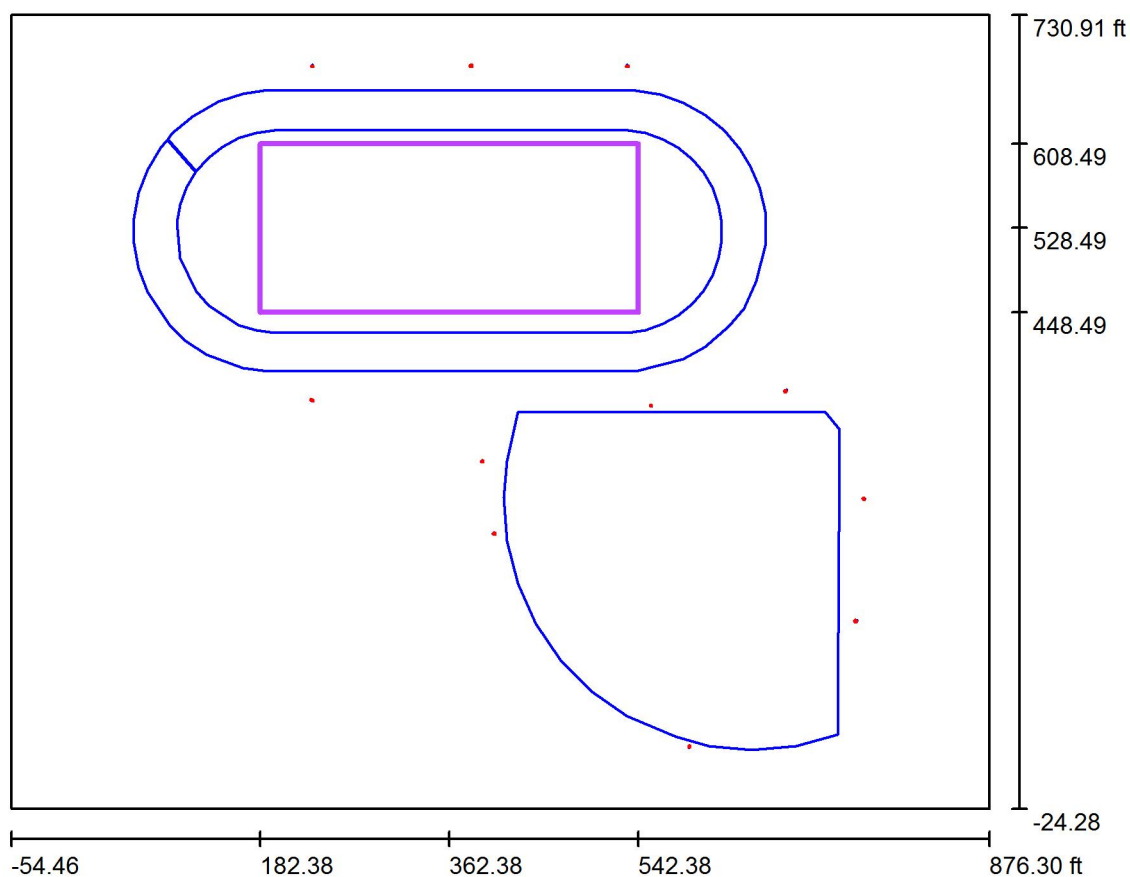
E_{max} [fc]
45

u_0
0.48

E_{min} / E_{max}
0.18

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Exterior Scene 1 / General Sport Area - Football field / Summary



Scale 1 : 2195

Position: (362.381 ft, 528.490 ft, 0.000 ft)

Size: (360.000 ft, 160.000 ft)

Rotation: (0.0°, 0.0°, 0.0°)

Type: Normal, Grid: 21 x 9 Points

Belongs to the following sport arena: General Sport Area Football, Track

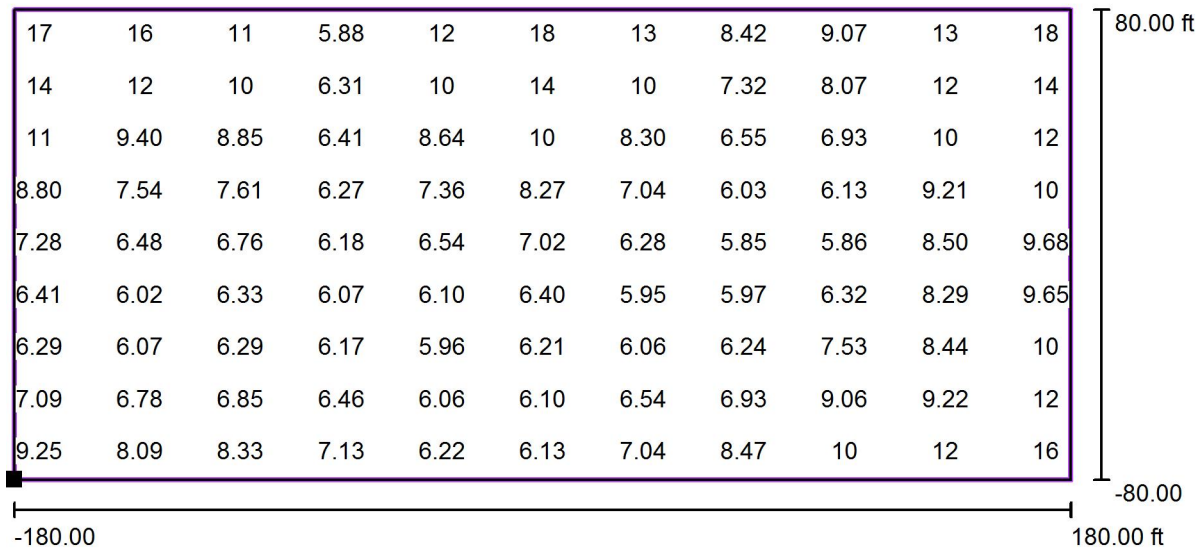
Results overview

No.	Type	E_{av} [fc]	E_{min} [fc]	E_{max} [fc]	u_0	E_{min} / E_{max}	$E_{h\ m} / E_m$	H [ft]	Camera
1	horizontal	8.53	5.77	20	0.68	0.29	/	3.000	/

$E_{h\ m} / E_m$ = Relationship between middle horizontal and vertical illuminance, H = Measuring Height

Operator
Telephone
Fax
e-Mail

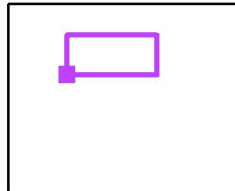
Exterior Scene 1 / General Sport Area - Football field / Value Chart (E, Horizontal)



Values in Footcandles, Scale 1 : 785

Not all calculated values could be displayed.

Position of surface in external scene:
Marked point: (182.381 ft, 448.490 ft,
0.000 ft)



Grid: 21 x 9 Points

E_{av} [fc]
8.53

E_{min} [fc]
5.77

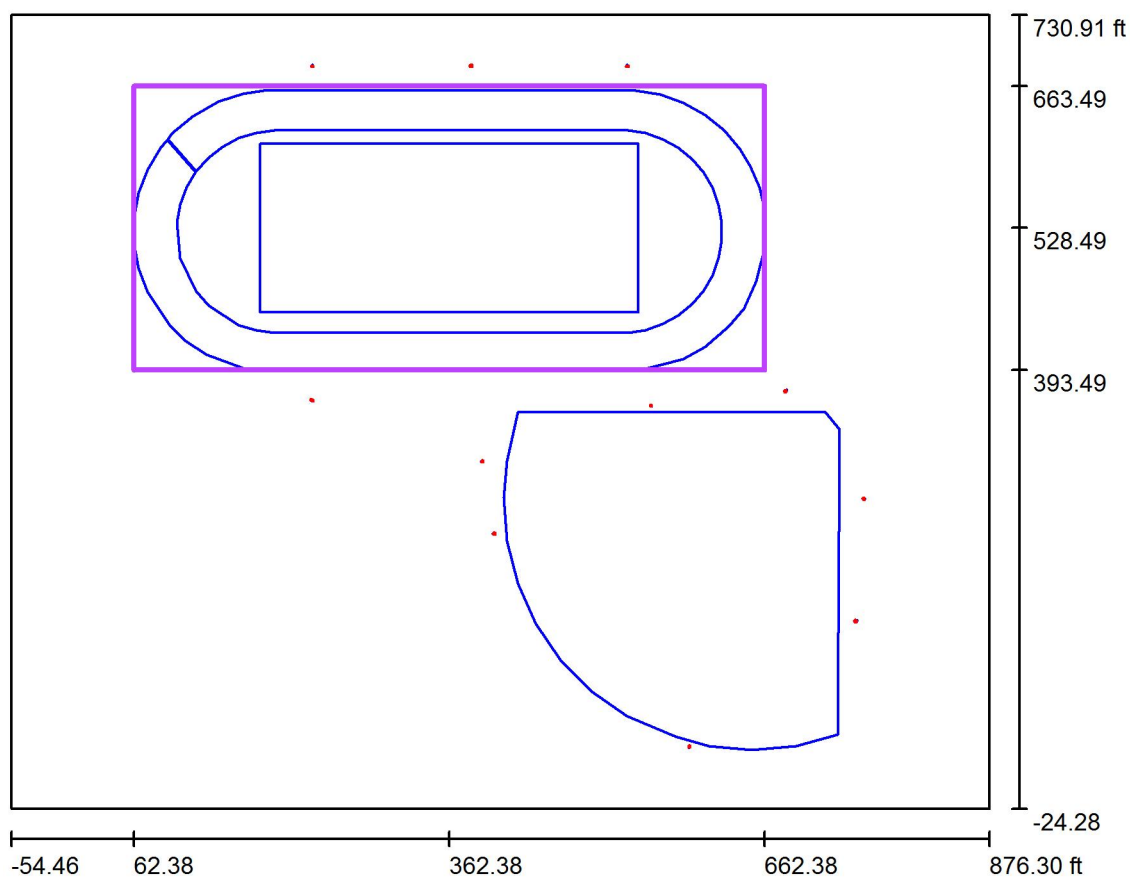
E_{max} [fc]
20

u_0
0.68

E_{min} / E_{max}
0.29

Operator
Telephone
Fax
e-Mail

Exterior Scene 1 / General Sport Area Football + Track / Summary



Scale 1 : 2195

Position: (362.381 ft, 528.490 ft, 0.000 ft)

Size: (600.000 ft, 270.000 ft)

Rotation: (0.0°, 0.0°, 0.0°)

Type: Normal, Grid: 35 x 15 Points

Belongs to the following sport arena: General Sport Area Football, Track

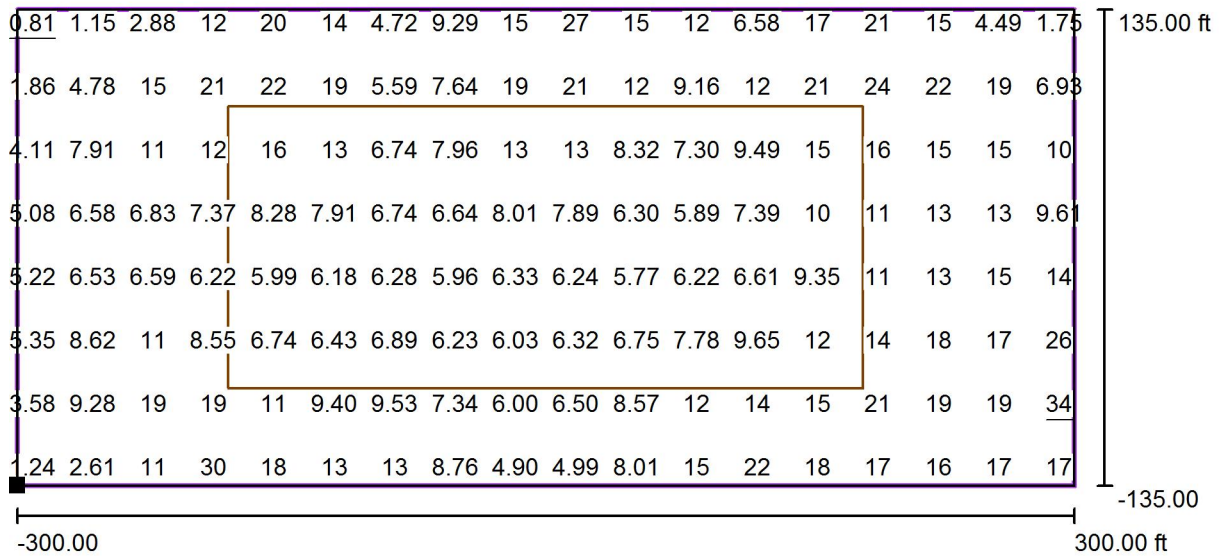
Results overview

No.	Type	E_{av} [fc]	E_{min} [fc]	E_{max} [fc]	$u0$	E_{min} / E_{max}	$E_{h\ m} / E_m$	H [ft]	Camera
1	horizontal	11	0.81	34	0.07	0.02	/	3.000	/

$E_{h\ m} / E_m$ = Relationship between middle horizontal and vertical illuminance, H = Measuring Height

Operator
Telephone
Fax
e-Mail

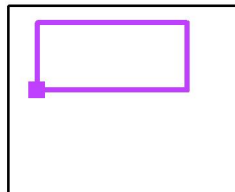
Exterior Scene 1 / General Sport Area Football + Track / Value Chart (E, Horizontal)



Values in Footcandles, Scale 1 : 1308

Not all calculated values could be displayed.

Position of surface in external scene:
Marked point: (62.381 ft, 393.490 ft,
0.000 ft)



Grid: 35 x 15 Points

E_{av} [fc]
11

E_{min} [fc]
0.81

E_{max} [fc]
34

$u0$
0.07

E_{min} / E_{max}
0.02